

# M63-15-STD INTERFACE

FIELD SERVICE
AND TRAINING MANUAL

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	RECORD of REVISIONS
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A	Manual Release
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(1-3-75)	
С	1, 11, 12, 16, 18, 20 and 33 thru 41 (add).  Manual updated to incorporate ECO's PB 12962A and PB 14280 affecting pages 27 thru 36 and 37
(7-4-75)	thru 41 (deleted).
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	<u>.                                    </u>

#### SCOPE

This manual provides training information pertinent to the M63-11-STD and M63-15-STD Interface.

The individual using this manual should be familiar with the following publications: M63 Magnetic Tape Transport Service Training Manual (STM) MS-385 and M63 Magnetic Tape Transport Field Service Manual (FSM) MS-386.

This manual serves as the Print Package for the M63-11-STD and M63-15-STD Interface and contains the necessary prints to enable a trained technician to install and maintain these units.

The normal level of repair is expected to be card changing and repairing mechanical assemblies. However, when spare cards are not available, the defective card must be repaired.

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#### INTERFACE EQUIPMENT

#### GENERAL

This section contains data pertinent to the translator boards intended to provide an alternative I/O interface when used with tape drive models listed in Scope.

The translator board is mounted on top of the power supply and connected to the transport electronics as shown in Figure 1.

### PERFORMANCE CHARACTERISTICS

The use of the translator alters the transport performance characteristics as follows:

- a. Stop time is 15.0 msec maximum.
- b. Stop distance is  $0.19 \pm 0.03$  inch.

No other transport characteristics are changed. The Inter-Block Gap (IBG) and access time are determined by the controller timing characteristics. The transport must be wired for the Optional Stop Mode.

### SYSTEM CONFIGURATION

The Input/Output (I/O) plug configuration of the transport is shown in Figure 2. For radial hookup, one translator is needed for each transport. Up to four transports, all of the same model type and density, may be daisy-chained from one translator. In this hookup, the transport that supplies power to the translator must be powered on. Daisy-chain connectors are provided for all 7-track translators due to possible density differences. Up to four transports, 7 and 9 tracks, may be daisy-chained by placing 7-track units first and then 9-track units (Figure 3) in the chain.

Power is available from the transport power supply TB2-4 and TB3-3 when the transport is powered on. Power required for each translator is 5.0 VDC at 0.8 amperes maximum.

The I/O transmitters and receivers are the same as those contained within the transport.

# I/O PIN ASSIGNMENTS

The I/O pin assignments are shown in Figure 4, 5, and 6.

# INTERFACE LINES DESCRIPTION

Each I/O line is listed and described in Table 1.

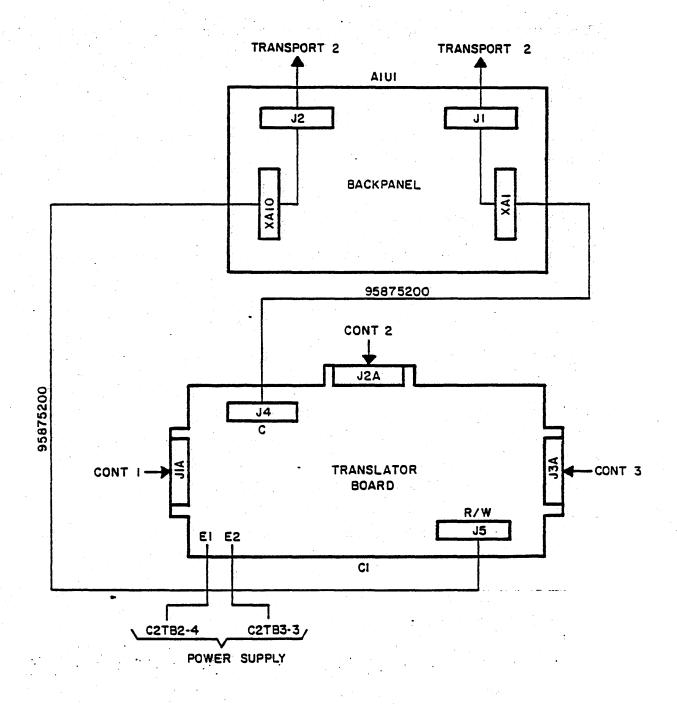


Figure 1. Translator to Transport Cabling

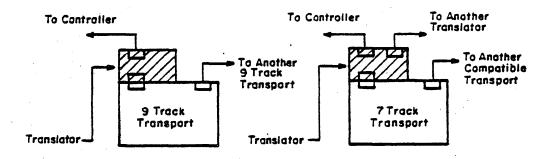


Figure 2. Transport I/O Plug Configuration with Translators

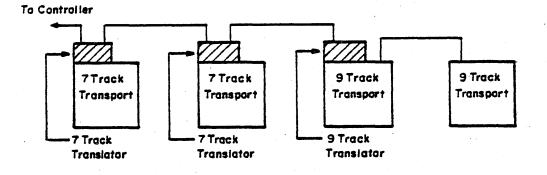


Figure 3. Daisy-Chaining a Mix of 7 Track and 9 Track Transports

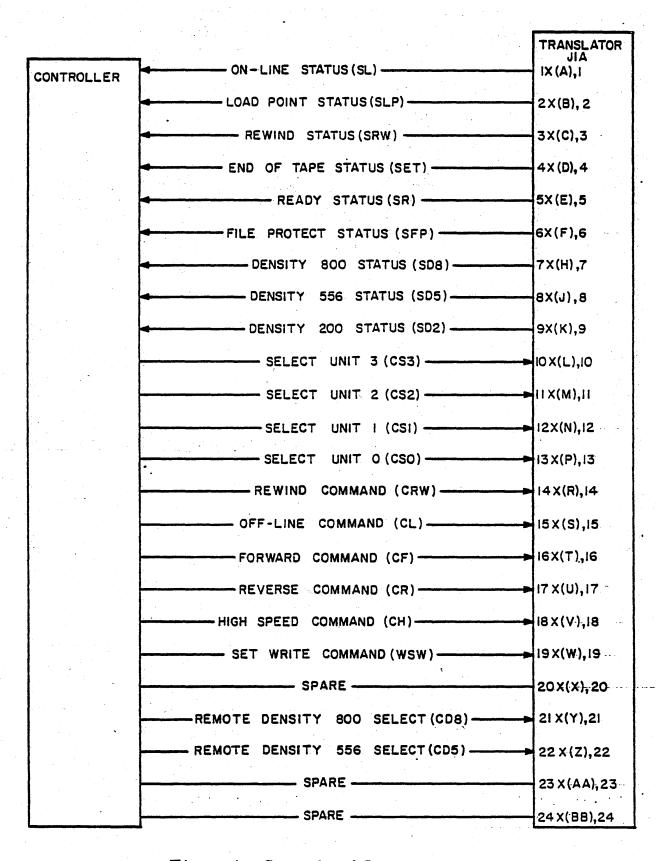


Figure 4. Control and Status Lines

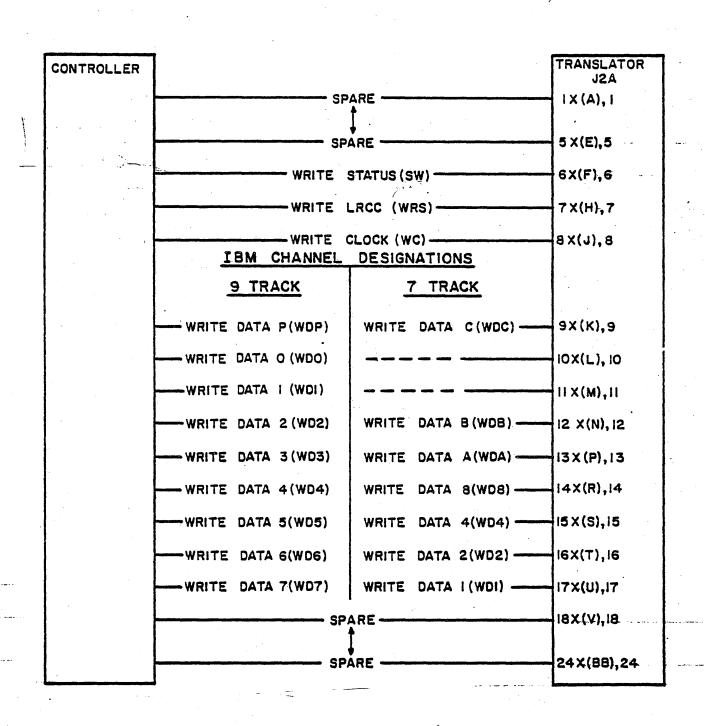


Figure 5. Write Data Lines

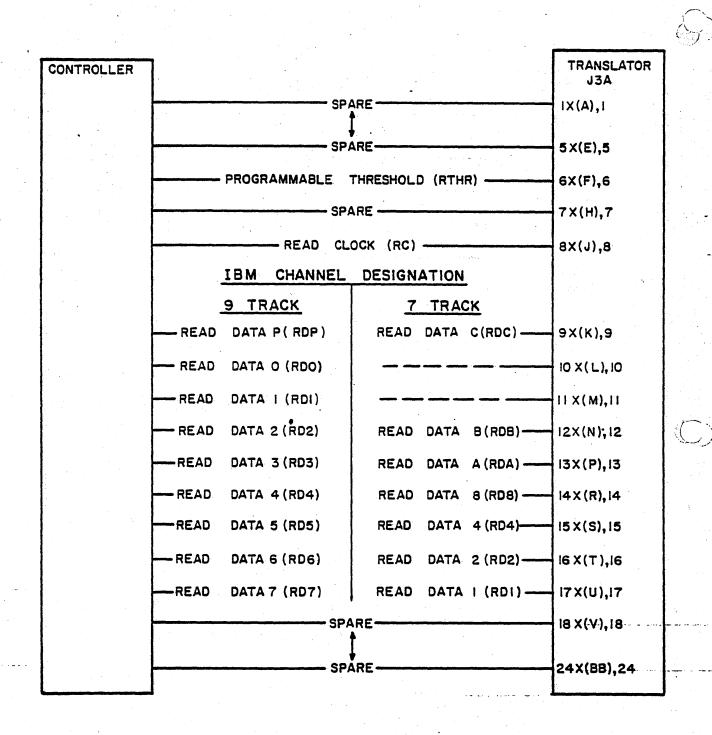


Figure 6. Read Data Lines

#### Table 1. INTERFACE LINES

### NAME

### DESCRIPTION

SELECT (CS = COMMAND SELECT)

Selects a particular on-line transport from a group connected to a common interface cable.

NOTE: Four (4) individual lines for units 0, 1, 2 and 3 (Signal Level).

OFF-LINE (CL = COMMAND OFF-LINE) (Signal Level) Assertion of this clears the write condition and terminates the on-line condition of the selected transport. Assertion should be maintained until acknowledged by the negation of the on-line status.

FORWARD
(CF = COMMAND FORWARD)
(Signal Level)

Providing the transport is selected, and ready, this command causes tape to be driven in the forward direction.

REVERSE (CR = COMMAND REVERSE) (Signal Level) When asserted, clears the write condition and causes the tape to be driven in the reverse direction, provided that the transport is selected and ready. Load point status inhibits the response to this command.

REWIND (CRW = COMMAND REWIND) (Signal Level) Clears the write command on the selected transport and initiates a rewind operation provided that the transport is ready, and not at load point. Tape is positioned at load point at the end of this operation. Assertion should be maintained until acknowledged by rewind status. (Minimum 2 microseconds)

HIGH SPEED (CH - COMMAND HIGH SPEED) (Signal Level)

(Not Used)

REMOTE DENSITY SELECT (CD8 and CD5 = COMMAND DENSITY 800 and 556) (Signal Level)

(Not Used)

SET WRITE (WSW = WRITE SET WRITE) (Signal Level) The assertion transition of CF causes the WSW line to be sampled following a 20 microsecond maximum delay period.

#### Table 1. INTERFACE LINES (Cont'd)

#### NAME

SET WRITE (WSW = WRITE SET WRITE) (Signal Level) (Cont'd)

WRITE DATA (WD = WRITE DATA) WD0 - WD7, WDP (Signal Level)

WRITE RESET (WRS = WRITE RESET) (Signal Level)

WRITE CLOCK (WC = WRITE CLOCK) (Signal Pulse)

PROGRAMMABLE THRESHOLD (PTHR = PROGRAMMABLE THRESHOLD) (Signal Level)

ON-LINE (SL = STATUS ON-LINE) (Signal Level)

READY (SR = STATUS READY) (Signal Level)

LOAD POINT (SLP = STATUS LOAD POINT) (Signal Level)

### DESCRIPTION

Assertion transition of the WSW line enables the setting of the selected and online transport write condition provided the transport is ready and write enabled.

Negation of the WSW line enables the clearing of the transport's write condition.

The desired logic level of WSW shall be maintained for not less than 20 microseconds after the assertion edge of CF.

These lines receive data to be recorded on tape as a character and must be electrically stable at assertion transition time of write clock and for 2 microseconds minimum, thereafter.

The assertion transition causes the LRCC character to be written on tape, provided the transport is in the write mode. Assertion must be maintained for a minimum of 2 microseconds.

The assertion transition of this pulse causes the character, represented by the write data lines to be written on tape. The transport must be in the write condition and the assertion of the write clock must be maintained for a minimum of 2 microseconds.

The assertion of this line causes the transport to read data from the tape at a reduced clipping level.

Acknowledges that the selected transport has been manually placed in an on-line condition.

Indicates that the transport is selected online, the initial loading sequence is complete and the transport is not rewinding.

Indicates that the transport is selected, on-line, and the tape is positioned at the load point reflective strip.

#### Table 1. INTERFACE LINES (Cont'd)

#### NAME

DENSITY STATUS
(SD = STATUS DENSITY)
NOTE: Three individual lines
SD2, SD5, and SD8
(Signal Level)

REWIND (SRW - REWIND STATUS) (Signal Level)

READ DATA (RD = READ DATA) RD0 - RD7, RDP (Signal Level)

READ CLOCK (RC = READ CLOCK) (Signal Pulse)

WRITE STATUS (SW = STATUS WRITE) (Signal Level)

FILE PROTECT (SFP = STATUS FILE PROTECT) (Signal Level)

#### DESCRIPTION

Indicates the state of Remote Density Select lines (CD5 and CD8), decoded into 200, 556, 800 CPI. Only one density at a time can be asserted from a selected and on-line transport.

Indicates that the selected and on-line transport is engaged in a rewind operation. This status remains true until the tape is positioned at the load point reflective strip.

These lines transmit detected characters read from the tape and presents them to the interface.

The read data lines are settled at the assertion transition time of read clock, and remain settled until 1  $\mu$ sec, maximum, before the next read clock.

Indicates that a character has been read from tape and is present on the read data lines. Assertion time is  $2 \mu \text{sec}$ , minimum; 3 microseconds, maximum.

Indicates that the selected transport is write enabled and current is flowing in the write and erase heads.

Indicates that the selected and on-line transport is not write enabled (write ring is not present in the file reel).

#### INSTALLATION

Installation of the Interface Equipment is as follows:

- a. Mount the translator mounting bracket on top of the power supply using the three screws supplied.
- b. Insert the translator board in the mounting bracket.
- c. Install cables as shown in Figure 1.
- d. Ensure that the Optional Stop Mode jumper is installed at the transport electronics cage assembly backplane. Attach the locking end of the jumper to XA4 pin 14B. Press the other end onto XA4 pin 15B.

#### CAUTION

One end of this jumper is equipped with a locking type socket. To remove the jumper from the backplane pin, slightly lift the spring clip and remove the socket from the pin.

#### THEORY OF OPERATION

The following paragraphs and diagrams briefly describe the theory of operation of the translator. Figure 7 is a block diagram of the Read and Write circuitry. Reference to the logic diagram will aid in understanding the theory of operation of the translator.

#### a. Write

The Flow Diagram (Figure 8) shows only two bits of data processed through one channel. Each channel is identical. The diagram shows that the Write Register flip-flops change state only on a data transition of False (high) to True (low). This action transforms non-return-to-zero (NRZ) data to non-return-to-zero-inverted (NRZI) data that is useful to the transport.

When the Inter-Block Gap (IBG) is reached and WRS becomes True the LRCC is written.

Figure 9 shows the idealized waveforms for various points in the circuits shown on logic diagram, sheet 2.

## b. Read

The Read Operation Flow Diagram (Figure 10) shows data processed for one cell time. Data are entered in the Read flip-flop during the Read or Write gate time (See Figure 11). During the one microsecond Strobe pulse, the data is transferred to the read registers. The Read flip-flops are then cleared of any data and a Read Clock (RC) pulse is sent to the controller. This informs the controller that data is present on the read data lines. The Read flip-flops convert the data from NRZI to NRZ format.

## DIAGRAMS

The diagrams necessary to maintain the translator in an operational status are included at the rear of this manual. For Board Type Assembly Numbers used, refer to Table below.

Data for the more complex components are listed in Table 2. The symbol for these components is also contained within the description. A cross-reference list of element numbers to commercial identification is shown in the beginning of this table.

#### CARD PLACEMENT CHART

Track	Density	Card Type
9	800	5299
7	800	5214
7	556	5256
7	200	5257

## PARTS DATA

Data necessary for ordering replacement components for the printed wiring board are contained at the rear of this manual.

NOTE:
FOR READ AND WRITE GATE TIMES REFER
TO TRANSLATOR BOARD SCHEMATIC SH. 1.

12

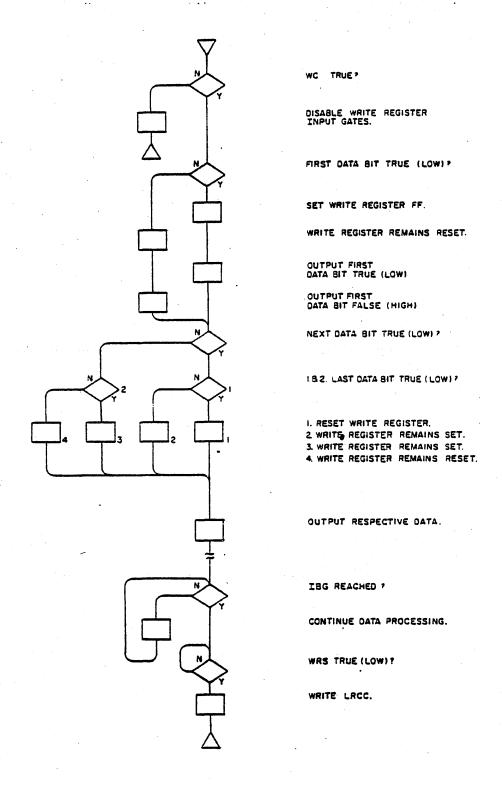


Figure 8. Write Operation

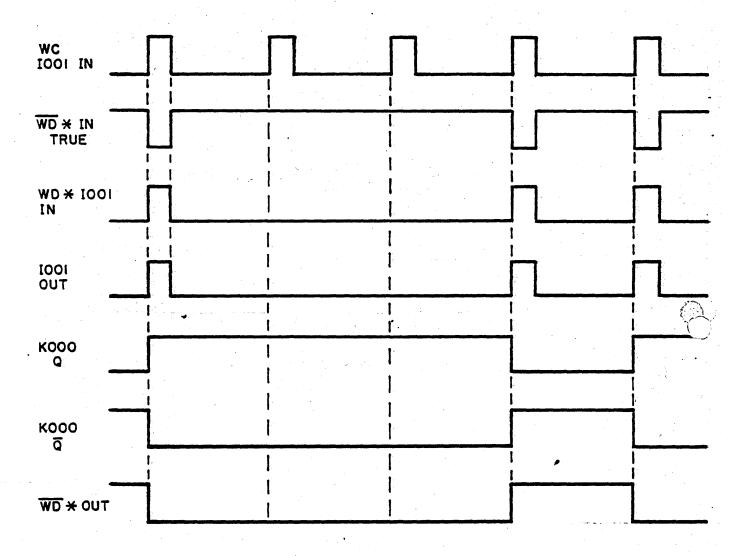


Figure 9. Write Idealized Waveforms

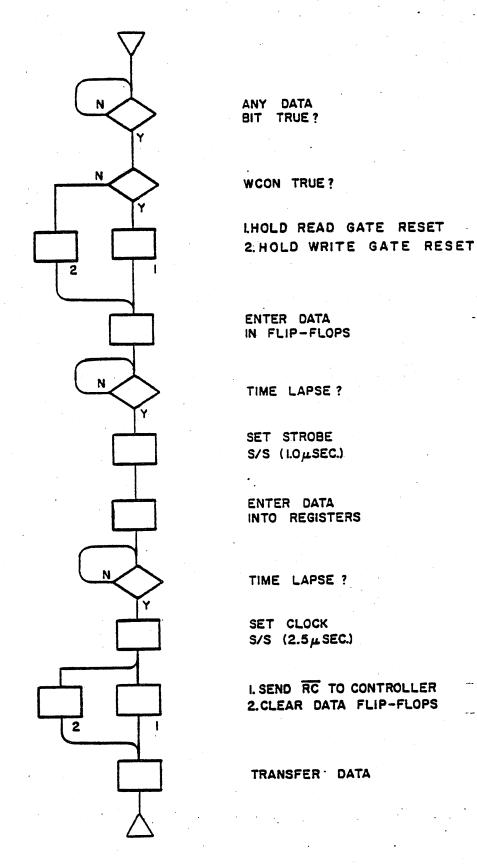
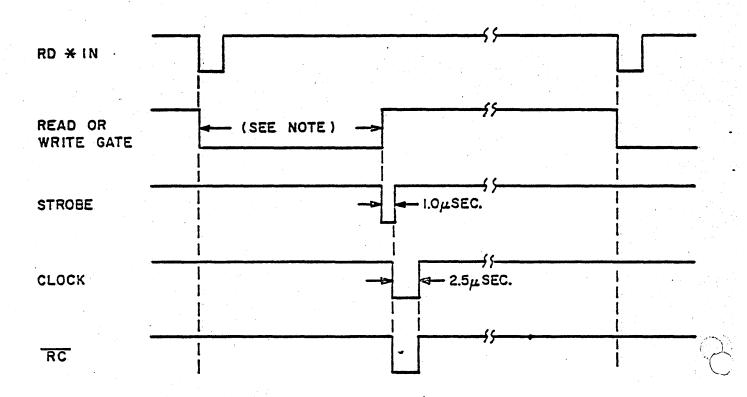


Figure 10. Read Operation

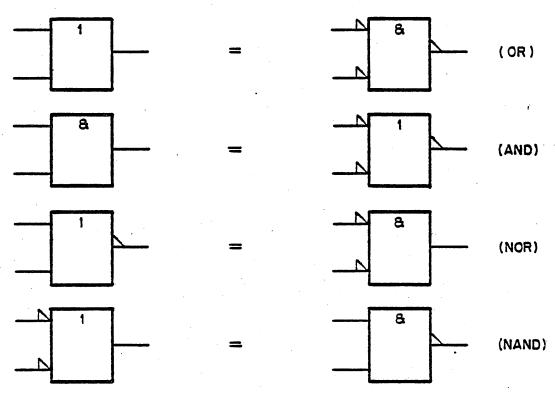


### NOTE:

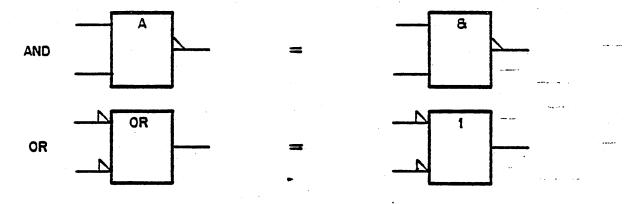
FOR READ AND WRITE GATE TIMES REFER TO TRANSLATOR BOARD SCHEMATIC SHEET 1.

Figure 11. Read Timing

TABLE 2. INTEGRATED CIRCUIT DATA



SYMBOLS USED FOR SAME TYPE IC DUE TO CIRCUIT FUNCTION.



SYMBOLS USED INTERCHANGEABLY FOR SAME FUNCTION.

TABLE 2. INTEGRATED CIRCUIT DATA (Cont'd)

# CROSS-REFERENCE LIST

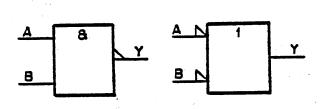
ELEMENT NUMBER	COMMERCIAL NUMBER
140	7400
141	7410
186	837 937 -SN
175	7474
193	74123
201	7408
204	7438
224	7427
519	74174
520	74175

ITT 937-5N F 937-PC

TABLE 2. INTEGRATED CIRCUIT DATA (Cont'd)

# DESCRIPTION

14 pin dual-in-line package which contains four TTL 2-input positive NAND gates.

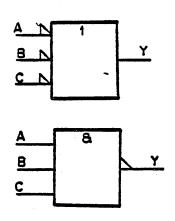


TRUTH TABLE				
INPUTS OUTPUT				
A.	8	Y		
0	0	1		
1	0	i		
0	1	1		
1	1	0		

140 (7400)

# DESCRIPTION

14 pin dual-in-line package containing three TTL 3-input positive NAND gates.



TRUTH TABLE

INPUTS OUTPUT

A B C Y

O X X I

X O X I

X X O I

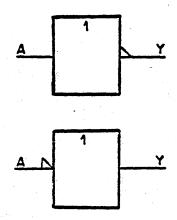
I I I O

X = EITHER LOGIC I OR O

141 (7410)

# DESCRIPTION

14 pin dual-in-line package which contains six TTL inverter circuits.

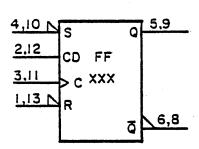


TRUTH	TABLE
INPUT	OUTPUT
A	. Y
0	Į.
I	0

186 (837)

## DESCRIPTION

14 pin dual-in-line package containing two independent TTL D-type edge-triggered flip-flops. The data appearing on the CD input is transferred to the complementary outpus on the logic 0 to 1 transition of the clock input. After the logic 0 to 1 transition of the clock input, the data input (CD) is locked out. At logic 0 input to the master set (S) input sets Q (pin 8, 9) to logic 1 independently of the clock input. Similarly a logic 0 input to the master reset (R) input sets Q to a logic 0. With both S and R inputs at logic 0, both Q (pin 5, 9) and  $\overline{Q}$  (pin 6, 8) outputs are at a logic 1.



TRUTH TABLE

t <sub>n</sub> INPUTS			tn+	UTS
s	R	ם	PIN 5,9 (Q)	PIN6,8 (Q)
0 - 0	0 0 1	X X I	- 0 0	0 0 -

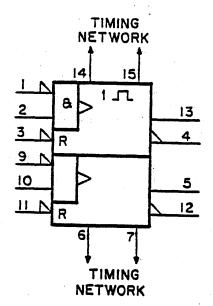
X = EITHER LOGIC | OR O.
tn = BIT TIME BEFORE LOGIC O
 TO | TRANSITION OF CLOCK PULSE.
tn+I = BIT TIME AFTER CLOCK PULSE.

175 (7474)

#### DESCRIPTION

16 pin dual-in-line package containing two TTL retriggerable single shots having two trigger inputs, one active level 1 (pin 2, 10) and one active level 0 (pin 1, 9). The output pulse duration is a function of an external timing network. The over-riding clear input (R) permits any output pulse to be terminated at any time independently of any other inputs.

If the trigger signal is applied to the active 1 input, triggering will occur on the rising edge of the waveforms. By applying the trigger input to the active 0 input, triggering will occur on the falling edge of the waveform. Each time the trigger conditions are met, the external timing capacitor is discharged and a new cycle is started. Successive trigger inputs with a period shorter than the output pulse delay time retrigger the single shot resulting in a continuous true output.



		INUIN	PAOLE		₹, <u>.(</u>
	. <del></del>	INPUTS		OUT	PUTS 2
MODE	PIN 1,9	PIN 2,10	R	PIN 13,5	PIN 4, 12
MASTER RESET	×	×	0	0	ı
TRIGGERING INHIBITED	I X	X O	 	0	1 1
POSITIVE EDGE TRIGGERING	0	0-1	. 1	POSITIVE	
NEGATIVE EDGE TRIGGERING	I <del></del> 0	1	1	PULSE OF WIDTH T	PULSE OF WIDTH T

NOTES: I. X = LOGIC | OR O.

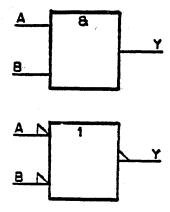
193 (74123)



<sup>2.</sup> WIDTH "T" OF OUTPUT PULSE IS DETERMINED BY THE EXERNAL TIMING NETWORK.

## DESCRIPTION

14 pin dual-in-line package containing four TTL 2-input positive NAND gates.

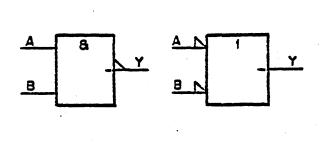


TRUTH TABLE				
INPUTS		OUTPUT		
Α	В	Y		
0	0	0		
1	0	0		
0	1	0		
1	1	1		

201 (7408)

## DESCRIPTION

14 pin dual-in-line package containing four TTL 2-input positive NAND gates with open collector output.



INPUTS OUTPUT

A B Y

O X I

X O I

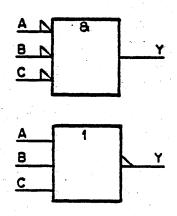
I I O

X=EITHER LOGIC I OR O

204 (7438)

# DESCRIPTION

14 pin dual-in-line package that contains three TTL 3-input positive NOR gates.

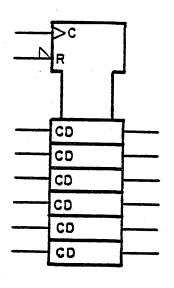


TRUTH TABLE						
11	INPUTS OUTPUT					
A	8	C	Y			
0	X	×	1			
X	0	X	L			
×	X	0	ı			
1	1	1	0	1		
Y = 1	FITHE	0 10	icic i de	٤		

224 (7427)

### DESCRIPTION

16 pin dual-in-line package containing six TTL D-type positive-edge-triggered-flip-flops. Information at the CD inputs meeting the setup time requirements is transferred to the Q inputs on the positive-going edge of the clock pulse. Clock triggering occurs at a particular voltage level and is not directly related to the transition time of the positive-going pulse. When the clock input is either at the high or low level the CD input signal has no effect at the output.



TRUTH TABLE

	t <sub>n</sub> . INPUTS	1 1 3	tn+1 OUTPUTS
R	С	CD	Q .
1	X + + L	XHLX	Г H Г O

H = HIGH LEVEL (STEADY STATE) L = LOW LEVEL (STEADY STATE)

X= EITHER LOGIC | OR O.

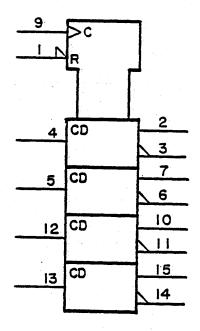
T= TRANSITION FROM LOW TO HIGH LEVEL

Q<sub>O</sub>=LEVEL OF Q BEFORE INDICATED STEADY STATE CONDITIONS WERE ESTABLISHED.

519 (74174)

### DESCRIPTION

16 pin dual-in-line package containing four TTL D-type positive-edge-triggered flip-flops. Information at the CD inputs meeting the setup time requirements is transferred to the Q outputs on the positive-going edge of the clock pulse. Clock triggering occurs at a particular voltage level and is not directly related to the transition time of the positive-going pulse. When the clock input is either at the high or low level the CD input signal has no effect at the output.



TRUTH TABLE

<sup>†</sup> n Inputs			†n+ OUTF	
R	С	CD	Q	Q
L Н Н	X † L	XHLX	1 ± 1 0	1 1 1 0°

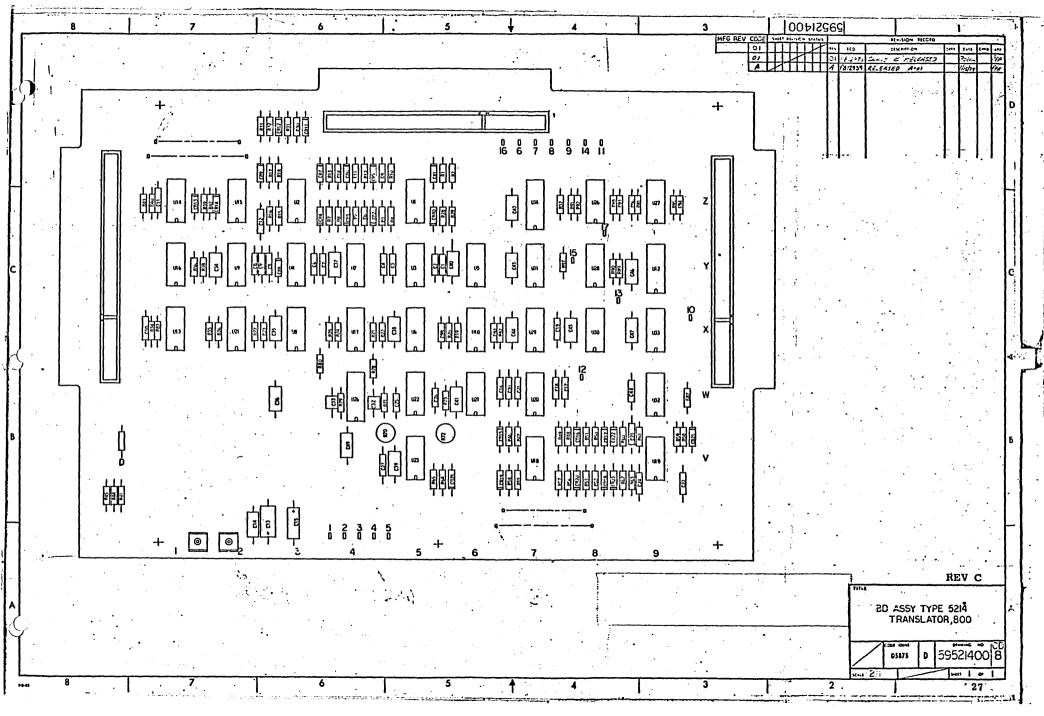
H = HIGH LEVEL (STEADY STATE) L = LOW LEVEL (STEADY STATE)

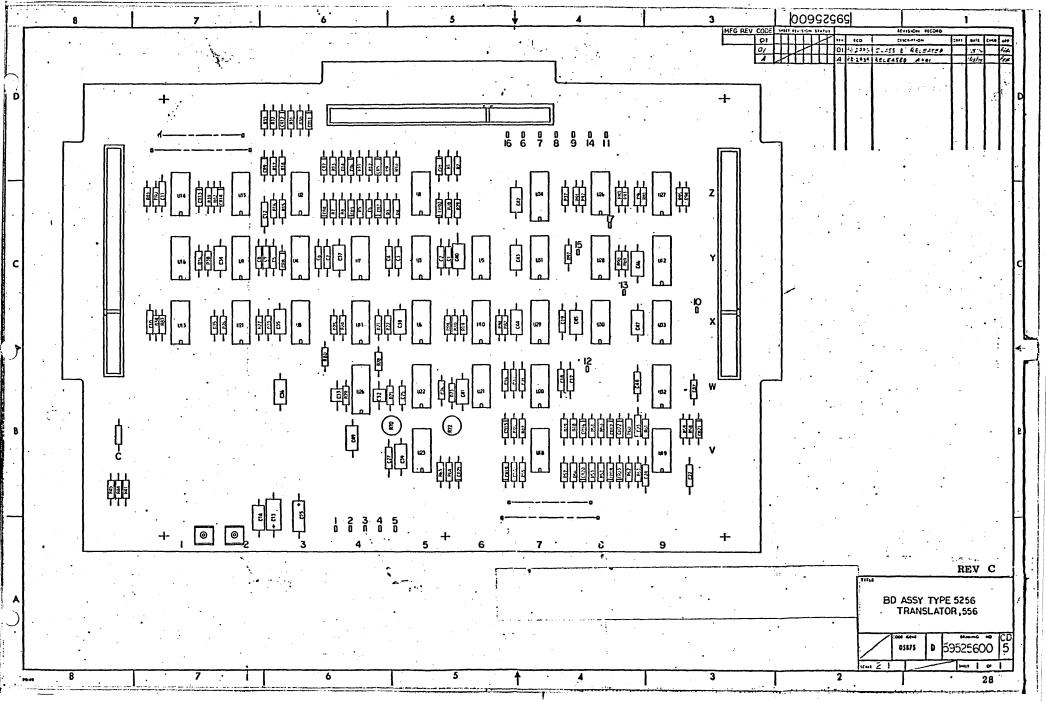
X = EITHER LOGIC | OR O.

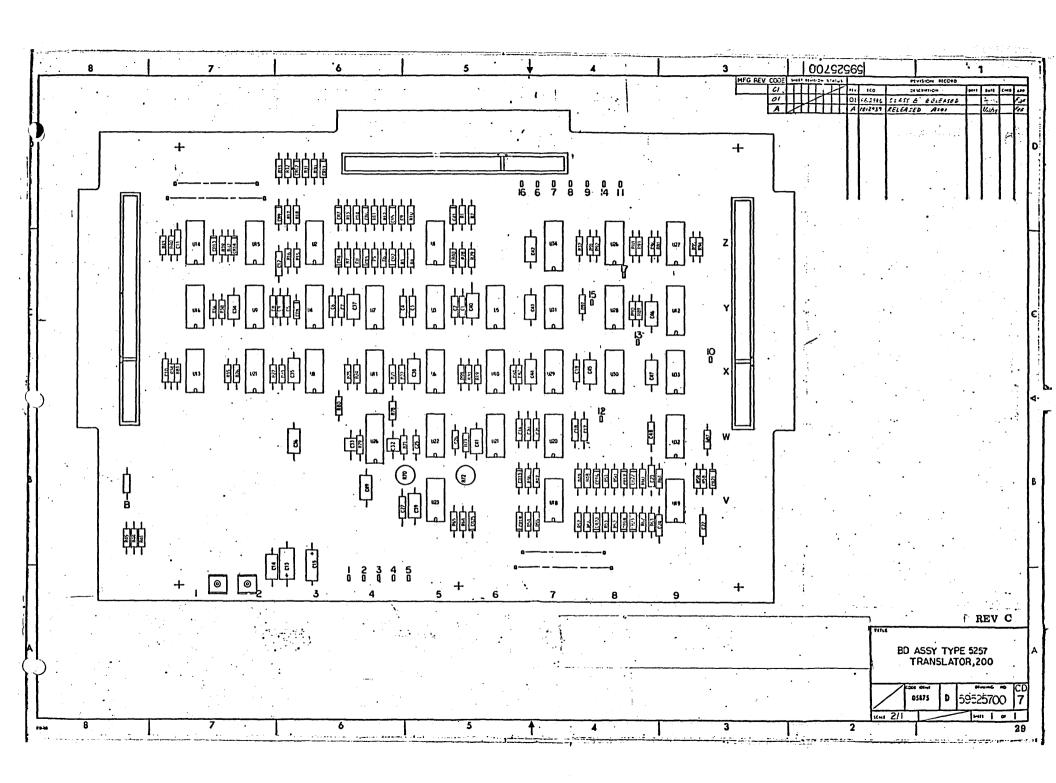
TRANSITION FROM LOW TO HIGH LEVEL

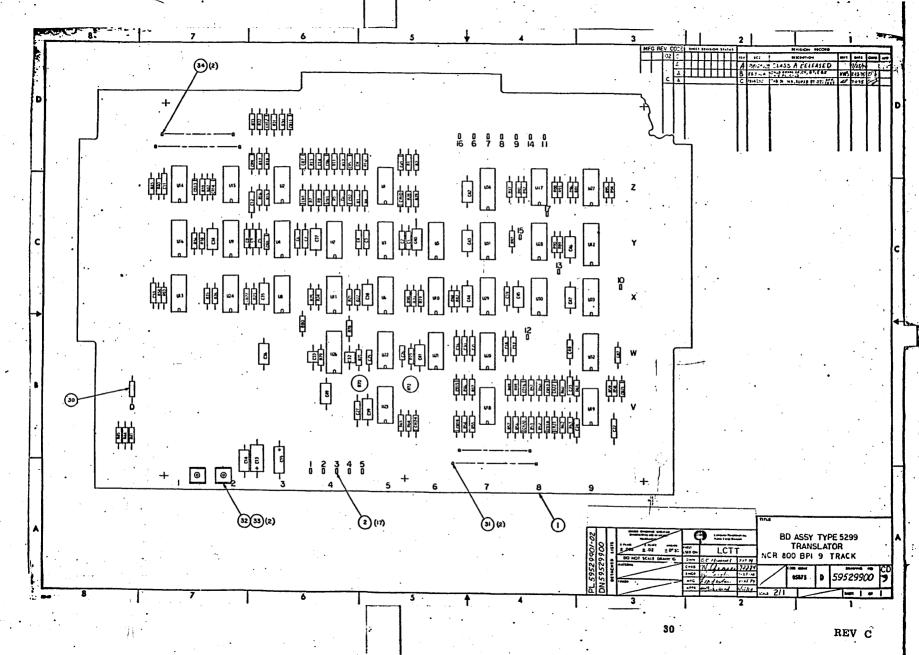
Qo LEVEL OF Q BEFORE INDICATED STEADY STATE CONDITIONS WERE ESTABLISHED.

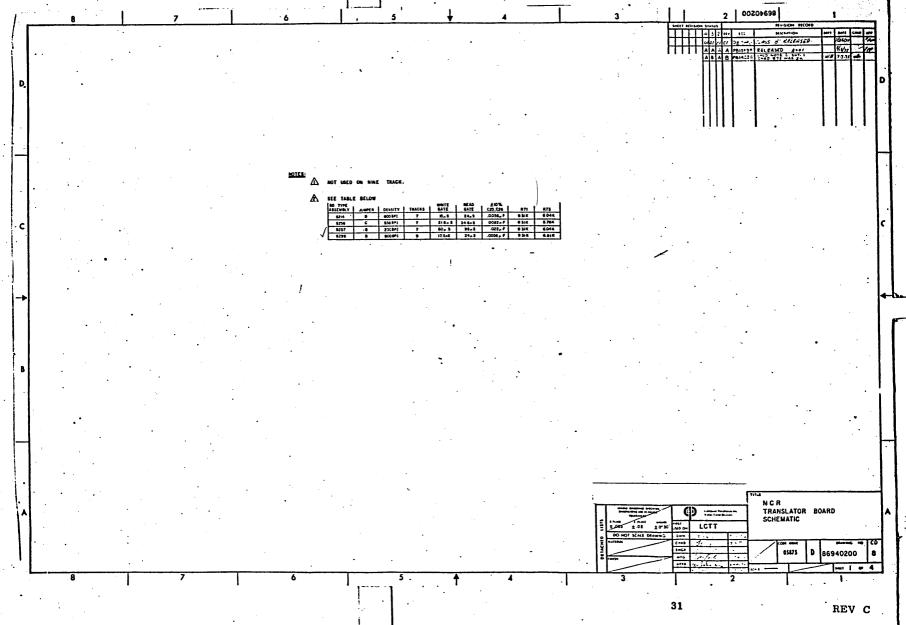
520 (74175)

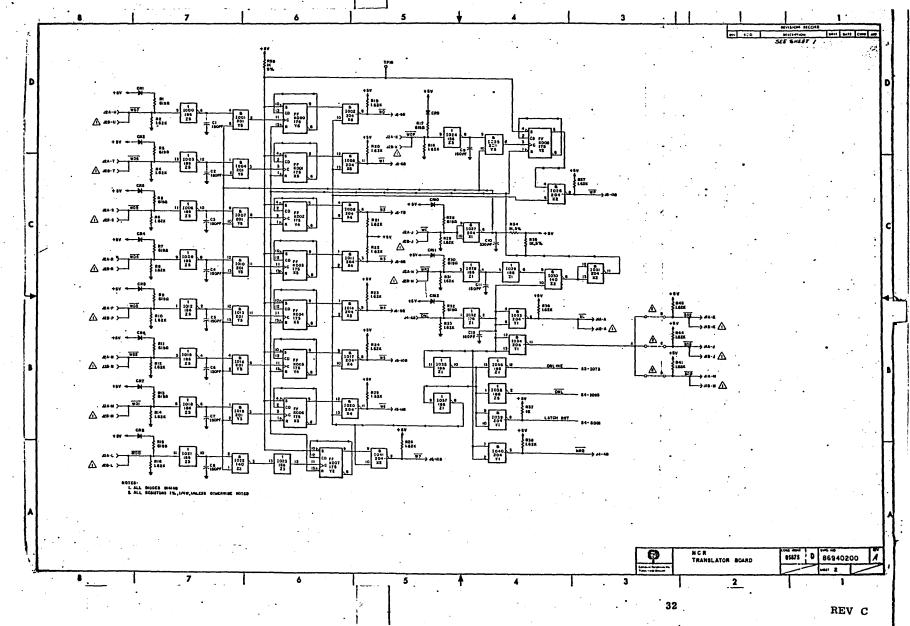


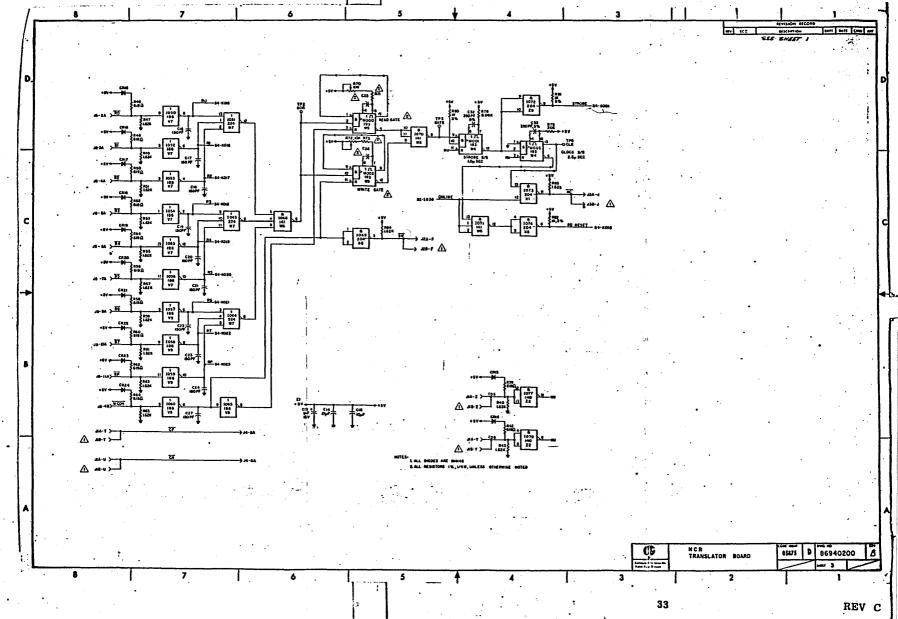


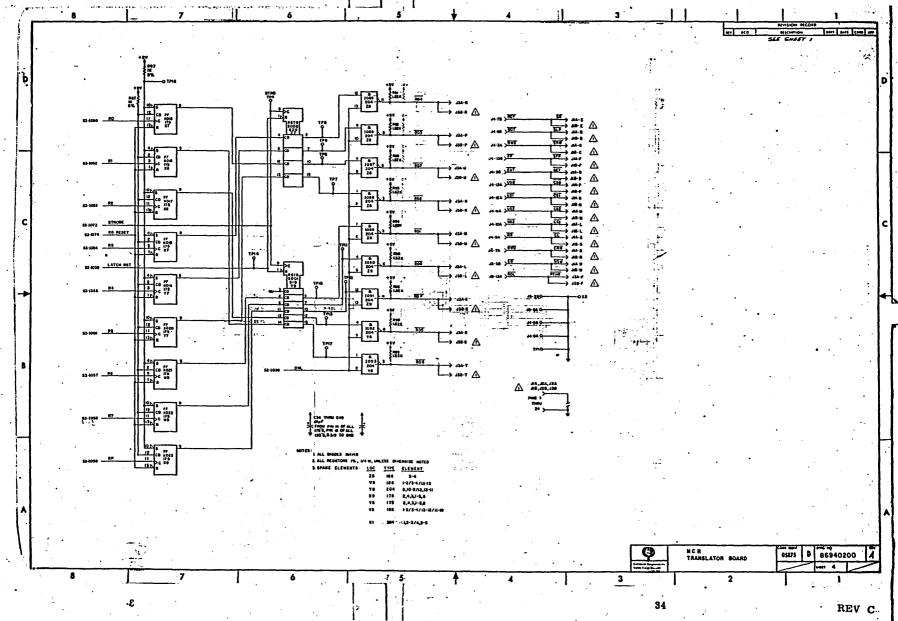












INDEX NO.	EQUIPMENT PART NUMBER	ITEM DESCRIF	PTION	INDEX NO.	EQUIPMENT PART NUMBER	ITEM DESCRIPTION
	**	INTEGRATED CI	RCUITS			CAPACITORS
U1	94690204	INTEGRATED CIRCUIT	837	CI	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U2	94690204	INTEGRATED CIRCUIT	837	C2	24501720	CAP, FXD, 0.00015 UF, 50WVDC
03	17185200	INTEGRATED CIRCUIT,		C3	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U4 U5	17185200	INTEGRATED CIRCUIT,	7408	C4	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U8	94916109	INTEGRATED CIRCUIT, INTEGRATED CIRCUIT,		C5 C8	24501720 24501720	CAP, FXD, 0.00015 UF, 50WVDC CAP, FXD, 0.00015 UF, 50WVDC
<b>U</b> 7	94916109	INTEGRATED CIRCUIT.		C7	24501720	CAP, FXD, 0.00015 UF, 50WVDC
us	94916109	INTEGRATED CIRCIIIT	SN7474N	C 8	24501720	CAP. FXD. 0.00015 UF. 50WVDC
U9	94916109	INTEGRATED CIRCUIT.	SN7474N	C9	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U10	94874100	INTEGRATED CIRCUIT,	7438	C10	24516125	CAP, FXD, 0.00033 UF, 50WVDC
U11 U12	95874100	INTEGRATED CIRCUIT,	7438 SN74174	Cii	24501720 24501720	CAP, FXD, 0.00015 UF, 50WVDC
U13	95871000	INTEGRATED CIRCUIT,	7438	C13	95817072	CAP, FXD, 0.00015 UF, 50WVDC CAP, ELECT, 1.0 UF, 15WVDC
U14~		INTEGRATED CIRCUIT	837-	C14	24561301	CAP. FXD01 UF. 25WVDC
U15	94918809	INTEGRATED CIRCUIT.	SN7400	C15	94685347	CAP, ELECT, 10 UF, 20V
U18	95874100	INTEGRATED CIRCUIT.	7438	C16	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U17	95874100	INTEGRATED CIRCUIT,	7438	C17	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U18 U19	94690204	INTEGRATED CIRCUIT,	937	C10.	24501720 24501720	CAP, FXD, 0.00015 UF, 50WVDC CAP, FXD, 0.00015 UF, 50WVDC
U20	15106800	INTEGRATED CIRCUIT.	7247N	C20	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U21	36187200	INTEGRATED CIRCUIT.	7410	C21	24501720	CAP, FXD, 0,00015 UF, 50WVDC
U22	95876100	INTEGRATED CIRCUIT.	74123	C22	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U23	94690204	INTEGRATED CIRCUIT,	837	C23	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U24	95874100	INTEGRATED CIRCUIT,	7438	C24	24501720	CAP, FXD, 0.00015 UF, 50WVDC
U26 U27	95876100	INTEGRATED CIRCUIT, INTEGR	7438	C25	94690312	CAP, FXD, 0.0056 UF, 100WVDC (USED ON TYPE 5214 BOARD)
U28	95874100	INTEGRATED CIRCUIT	7438	C25	94690314	CAP. FXD. 0.0082 UF. 100WVDC
U29	94916109	INTEGRATED CIRCUIT.				(USED ON TYPE 5256 BOARD)
U30	94916109	INTEGRATED CIRCUIT,		C25	94690319	CAP, FXD, 0.022 UF, 100WVDC
U31	94916109	INTEGRATED CIRCUIT,	SN7474N			(USED ON TYPE 5257 BOARD)
U32 U33	94916109	INTEGRATED CIRCUIT,	SN7474N SN7474N	C25	94690312	CAP, FXD, 0.0056 UF, 100WVDC (USED ON TYPE 5299 BOARD)
U34	95871300	INTEGRATED CIRCUIT	SN74175	C26	94690312	CAP, FXD, 0.0056 UF, 100WVDC
	- 000.2000				0.1000012	(USED ON TYPE 5214 BOARD)
		DIODES		C26	94690314	CAP, FXD, 0.0082 UF, 100WVDC (USED ON TYPE 5256 BOARD)
CR1 CR2	94654700 94654700	INTEGRATED CIRCUIT, INTEGRATED CIRCUIT, INTEGRATED CIRCUIT, INTEGRATED CIRCUIT, INTEGRATED CIRCUIT, DIODES  DIODE, IN4148		C26	94690319	CAP, FXD, 0.022 UF, 100WVDC (USED ON TYPE 5257 BOARD)
CR3 CR4	94654700 94654700	DIODE, IN4148 DIODE, IN4148	•	C26	94690312	CAP, FXD, 0.0056 UF, 100WVDC (USED ON TYPE 5299 BOARD)
CR5 CR6	94654700 94654700	DIODE, IN4148 DIODE, IN4148		C27 C28	24501720 24501720	CAP, FXD, 0.00015 UF, 50WVDC CAP, FXD, 0.00015 UF, 50WVDC
CR7	94654700	DIODE, IN4148		C29	94685320	CAP, ELECT, 0.47 UF, 35V
CR8	94654700	DIODE, IN4148		C30	24501720	CAP, FXD, 0.00015 UF, 50WVDC
CR9	94654700	DIODE, IN4148		C31	94685320	CAP, ELECT, 0.47 UF, 35V
CR10	94654700 94654700	DIODE, IN4148		C32 C33	24510413 24510413	CAP, FXD, 0.00039 UF, 50WVDC CAP, FXD, 0.00039 UF, 50WVDC
CR12	94654700	DIODE, IN4148		C34	24561301	CAP, FXD, .01UF, 25WVDC
CR13	94654700	DIODE, IN4148	j	C35	24561301	CAP, FXD, .01UF, 25WVDC
CR14	94654700	DIODE, IN4148		C36	24561301	CAP, FXD, .01UF, 25WVDC
CR15		DIODE, IN4148	į.	C37	24561301	CAP, FXD, .01UF, 25WVDC
CR18		DIODE, IN4148		C38 C39	24561301	CAP, FXD, .01UF, 25WVDC
CR18	94654700	DIODE, IN4148 DIODE, IN4148		C40	24561301 24561301	CAP, FXD, .01UF, 25WVDC CAP, FXD, .01UF, 25WVDC
CR19	94654700	DIODE, IN4148		C41	24561301	CAP, FXD, .01UF, 25WVDC
CR20	94654700	DIODE, IN4148		C42	24561301	CAP, FXD, .01UF, 25WVDC
CR21	94854700	DIODE, IN4148		C43	24561301	CAP, FXD, .01UF, 25WVDC
CR22	.94654700	DIODE, IN4148	•	C44	24561301	CAP, FXD, .01UF, 25WVDC
CR23	94654700 94654700	DIODE, IN4148 DIODE, IN4148		C45 C46	24561301	CAP, FXD, .01UF, 25WVDC
~	2202.00	2242, W11130		C47	24561301 24561301	CAP, FXD, .01UF, 25WVDC CAP, FXD, .01UF, 25WVDC
3			•	C48	24561301	CAP, FXD, .01UF, 25WVDC
			:	C49	24561301	CAP, FXD, .01UF, 25WVDC
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838 9386172 RES. FYD. 619 OHMS, 1/4W, 1% R80 24500063 RES. FYD. 1.0 OHMS, 1/4W, 9% R81 9386212 RES. FYD. 619 OHMS, 1/4W, 1% R81 24500063 RES. FYD. 1.0 OHMS, 1/4W, 9% R81 9386212 RES. FYD. 619 OHMS, 1/4W, 1% R81 93862212 RES. FYD. 619 OHMS,	INDEX NO.	EQUIPMENT PART NUMBER	ITEM DESCRIPTION	INDEX NO.	EQUIPMENT PART NUMBER	ITEM DESCRIPTION
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	e e	erie de répetit	RESISTORS			The second secon
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	'R1	95856172	RES. FXD. 619 OHMS. 1/4W. 1%	R78	95856279	RES. FXD 8060 OFMS 1/4W 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R2.	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	R79	95856317	RES, FXD, 20K OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R3	95856172	RES, FXD, 619 OHMS, 1/4W, 1%	R80	24500063	RES, FXD, 1.0K OHMS, 1/4W, 5%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES. FXD. 1620 OHMS, 1/4W, 1%	R81	24500063	RES, FXD, 1.0K OHMS, 1/4W 5%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R6	95856212	RES. FXD. 1620 OHMS. 1/4W. 1%	R83	95856212	RES. FXD. 1620 OHMS: 1/4W. 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R7	95856172	RES, FXD, 619 OHMS, 1/4W, 1%	R84	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	R87	24500063	RES, FXD, 1.0K OHMS, 1/4W, 5%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	Rio	95856212	RES. FXD. 1620 OHMS, 1/4W, 1%	R89	95856212	RES. FXD. 1620 OHMS 1/4W 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R11	95856172	RES, FXD, 619 OHMS, 1/4W, 1%	R90	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	R91	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES. FXD. 1620 OHMS. 1/4W. 1%	R92	95856212	RES. FXD. 1620 OHMS: 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R15	95856172	RES, FXD, 619 OHMS, 1/4W, 1%	R94	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	R95	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES. FXD. 1620 OHMS. 1/4W. 1%	R90	24500063	RES, FXD, 1620 OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R19	95856212	RES. FXD, 1620 OHMS, 1/4W, 1%	R98	24500063	RES, FXD, 1.0K OHMS, 1/4W, 1%
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R20	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			10 10 10 10 10 10 10 10 10 10 10 10 10 1
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES. FXD. 1620 OHMS, 1/4W, 1%		1	
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R23	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	•		
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R27	95856212	RES. FXD, 1620 OHMS, 1/4W, 1%			
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R28	95856172	RES, FXD, 619 OHMS, 1/4W, 1%			
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES. FXD. 1620 OHMS. 1/4W. 1%		1	
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48	R32	95856172	RES, FXD, 619 OHMS, 1/4W, 1%	er -		
R35   24500063   RES, FXD. 1:0K OHMS, 1/4W, 5%   R356   8558212   RES, FXD. 1620 OHMS, 1/4W, 1%   R337   74580063   RES, FXD. 1.0K OHMS, 5%   R388   7588212   RES, FXD. 1.0K OHMS, 5%   R399   958826172   RES, FXD. 1820 OHMS, 1/4W, 1%   R40   98882212   RES, FXD. 1820 OHMS, 1/4W, 1%   R41   9585212   RES, FXD. 1820 OHMS, 1/4W, 1%   R42   9885212   RES, FXD. 1820 OHMS, 1/4W, 1%   R43   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R44   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R45   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R46   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R47   9585212   RES, FXD. 1620 OHMS, 1/4W, 1%   R48   R48		95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			
R35					[ [	
R38 95856122 RES. FXD. 1820 OHMS. 1/4W, 1%, R40 95856121 RES. FXD. 619 OHMS. 1/4W, 1%, R41 95856212 RES. FXD. 1820 OHMS. 1/4W, 1%, R42 95856122 RES. FXD. 1820 OHMS. 1/4W, 1%, R43 95856212 RES. FXD. 1820 OHMS. 1/4W, 1%, R44 95856121 RES. FXD. 1620 OHMS. 1/4W, 1%, R45 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R46 95856127 RES. FXD. 1620 OHMS. 1/4W, 1%, R47 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R48 95856112 RES. FXD. 1620 OHMS. 1/4W, 1%, R49 95856112 RES. FXD. 1620 OHMS. 1/4W, 1%, R50 95856112 RES. FXD. 1620 OHMS. 1/4W, 1%, R51 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R52 9585612 RES. FXD. 1620 OHMS. 1/4W, 1%, R53 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R54 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R55 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R57 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R58 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R59 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R61 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R62 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R63 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R64 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R65 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R66 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R61 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R62 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R63 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R64 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R65 95856212 RES. FXD. 1620 OHMS. 1/4W, 1%, R67 95856251 RES. FXD. 1620 OHMS. 1/4W, 1%, R68 95856172 RES. FXD. 1620 OHMS. 1/4W, 1%, R68 95856267 RES. FXD. 1620 OHMS. 1/4W, 1%, R68 95856267 RES. FXD. 519 OHMS. 1/4W, 1%, R69 9585627 RES. FXD. 519 OHMS. 1/4W, 1%, R61 95856287 RES. FXD. 519 OHMS. 1/4W, 1%, R62 95856280 RES. FXD. 519 OHMS. 1/4W, 1%, R63 95856281 RES. FXD. 519 OHMS. 1/4W, 1%, R64 95856290 RES. FXD. 519 OHMS. 1/4W, 1%, R65 95856260 RES. FXD. 519 OHMS. 1/4W, 1%, R65 9585627 RES. FXD. 519 OHMS.	R36		RES, FXD, 1620 OHMS, 174W, 1%			
R39	R37					
R40						
R41 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R42 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R44 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% R45 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% R46 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R47 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R48 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R49 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R50 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R51 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R51 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R52 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R53 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R54 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R55 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R55 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R56 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R57 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R58 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R60 95855102 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856252 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856251 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856251 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856251 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856251 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856251 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856267 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856267 RES, FXD, 619 OHMS, 1/4W, 1%	R40					
R43    95856212    RES. FXD.   1620 OHMS.   1/4W,   1%   1%   1%   1%   1%   1%   1%   1	R41		RES, FXD, 1620 OHMS, 1/4W, 1%		1	
R44					-	
R46   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R48   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R50   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R51   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R52   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R52   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R53   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R53   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R54   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R55   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R56   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R57   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R58   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R61   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R62   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R63   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R64   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R65   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R65   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R68   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856225   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856225   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856267   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856267   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856267   RES, FXD, 6040 OHMS, 1/4W, 1%   R67   95856267   RES, FXD, 6040 OHMS, 1/4W, 1%   R67   95856267   RES, FXD, 6040 OHMS, 1/4W, 1%   R67   RES, FXD, 6040 OHMS, 1/4W,	R44			· ·		
R47 95855212 RES, FXD, 1620 OHMS, 1/4W, 1% R49 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R50 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R51 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R52 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R53 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R54 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R55 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R57 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R58 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R60 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856272 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R62 PS856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 PS856212 RES, FXD, 619 OHMS, 1/4W, 1% R64 PS856175 RES, FXD, 619 OHMS, 1/4W, 1% R65 PS856212 RES, FXD, 619 OHMS, 1/4W, 1% R67 PS856285 RES, FXD, 619 OHMS, 1/4W, 1% R68 PS856172 RES, FXD, 619 OHMS, 1/4W, 1% R69 PS856285 RES, FXD, 619 OHMS, 1/4W, 1% R69 PS856285 RES, FXD, 619 OHMS, 1/4W, 1% R70 PS855109 POTENTIOMETER, CERMET, TRIMMER R71 PS856285 RES, FXD, 6040 OHMS, 1/4W, 1% R72 PS855108 POTENTIOMETER, CERMET, TRIMMER R73 PS856285 RES, FXD, 560 OHMS, 1/4W, 1%	R45					
R48 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R50 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R51 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R52 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R53 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R54 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R55 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R56 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R57 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R58 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856257 RES, FXD, 619 OHMS, 1/4W, 1% R62 POTENTIOMETER, CERMET, TRIMMER R71 95856265 RES, FXD, 9310 OHMS, 1/4W, 1% R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1% R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1%			RES, FXD, 619 OHMS, 1/4W, 1%	1		
R49 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95856112 RES, FXD, 619 OHMS, 1/4W, 1% 95856112 RES, FXD, 619 OHMS, 1/4W, 1% 95856112 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 619 OHMS, 1/4W, 1% RS5 95856112 RES, FXD, 619 OHMS, 1/4W, 1% RS5 95856112 RES, FXD, 619 OHMS, 1/4W, 1% RS6 95856112 RES, FXD, 619 OHMS, 1/4W, 1% RS7 95856212 RES, FXD, 619 OHMS, 1/4W, 1% RS9 95856267 RES, FXD, 619 OHMS, 1/4W, 1% RS9 95856267 RES, FXD, 619 OHMS, 1/4W, 1% RS9 95856267 RES, FXD, 510 OHMS, 1/4W, 1% RS9 95856265 RES, FXD, 510 OHMS, 1/4W, 1% RS9 958	R48		RES, FXD, 619 OHMS, 1/4W, 1%			
R51 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R52 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R53 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R54 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R55 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% R57 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R60 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R67 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R68 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R69 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856265 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856267 RES, FXD, 619 OHMS, 1/4W, 1% R70 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R71 95856285 RES, FXD, 619 OHMS, 1/4W, 1% R72 95855108 ROTENTIOMETER, CERMET, TRIMMER R73 95856265 RES, FXD, 6040 OHMS, 1/4W, 1% R73 95856265 RES, FXD, 5750 OHMS, 1/4W, 1%	R49		RES, FXD, 1620 OHMS, 1/4W, 1%			Magnatur eta periore etalkako (h. 1909).
R52 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R54 95856172 RES, FXD, 1620 OHMS, 1/4W, 1% R55 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R57 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R58 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R59 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% R59 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R60 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R61 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R62 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R63 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R64 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856212 RES, FXD, 619 OHMS, 1/4W, 1% R67 95855109 RES, FXD, 619 OHMS, 1/4W, 1% R71 95856285 RES, FXD, 9310 OHMS, 1/4W, 1% R72 95855108 RES, FXD, 9310 OHMS, 1/4W, 1% R73 95856265 RES, FXD, 6040 OHMS, 1/4W, 1% USED ON TYPE 5254, 5257 & 5298 BDS) R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1%	R51		RES. FXD. 1620 OHMS. 1/4W, 1%			
R53   95856212   RES, FXD, 1620 OHMS, 1/4W, 1%   R54   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R55   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R57   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R61   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R61   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R62   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R63   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R64   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R65   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R65   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R67   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R68   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R68   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R68   95856267   RES, FXD, 9310 OHMS, 1/4W, 1%   R69   95856267   RES, FXD, 6040 OHMS, 1/4W, 1%   R68   R68	R52	95856172	RES, FXD, 619 OHMS, 1/4W, 1%			
R55    95856212    RES, FXD, 1620 OHMS, 1/4W, 1%   R56    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R59    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R59    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R59    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R61    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R62    95856172    RES, FXD, 619 OHMS, 1/4W, 1%   R63    95856212    RES, FXD, 619 OHMS, 1/4W, 1%   95856212    RES, FXD, 619 OHMS, 1/4W, 1%   R64    95856172    RES, FXD, 619 OHMS, 1/4W, 1%   R70    95855109    POTENTIOMETER, CERMET, TRIMMER   R71    95856285    RES, FXD, 9310 OHMS, 1/4W, 1%   R72    95856267    RES, FXD, 6040 OHMS, 1/4W, 1%   R65    RES, FXD, 6040 OHMS, 1/4W, 1%   R65    RES, FXD, 5760 OHMS, 1/4W, 1%   R73    95856265    RES, FXD, 5760 OHMS, 1/4W, 1%   R73    95856265    RES, FXD, 5760 OHMS, 1/4W, 1%   R73    R73    R74    R75    R75    R75    R77	R53		RES, FXD, 1620 OHMS, 1/4W, 1%		1.1	트레스 네트 프로프 및 1984 HOLE HOLE
#\$6   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   P5856212   RES, FXD, 1620 OHMS, 1/4W, 1%   P5856212   RES, FXD, 619 OHMS, 1/4W, 1%   P5856212   RES, FXD, 619 OHMS, 1/4W, 1%   P5856212   RES, FXD, 619 OHMS, 1/4W, 1%   P5856172   RES, FXD, 619 OHMS, 1/4W, 1%   P5856172   RES, FXD, 619 OHMS, 1/4W, 1%   P5856172   RES, FXD, 619 OHMS, 1/4W, 1%   P5856212   RES, FXD, 619 OHMS, 1/4W, 1%   P5856285   RES, FXD, 9310 OHMS, 1/4W, 1%   P5856285   RES, FXD, 9310 OHMS, 1/4W, 1%   P5856285   RES, FXD, 9310 OHMS, 1/4W, 1%   P5856285   RES, FXD, 619 OHMS, 1/4W, 1%   P5856285   RES, FXD, 6040 OHMS, 1/4W, 1%   P5856285   RES, FXD, 5760 OHMS,			RES. FXD. 1620 OHMS: 1/4W, 1%			
R57   95856212   RES, FXD, 1620 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R59   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R52   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R52   95856172   RES, FXD, 619 OHMS, 1/4W, 1%   R53   95856212   RES, FXD, 619 OHMS, 1/4W, 1%   R54   R55	B56	95856172	RES. FXD. 619 OHMS. 1/4W. 1%			
R59 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95856212 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 619 OHMS, 1/4W, 1% 95856172 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95855108 POTENTIOMETER, CERMET, TRIMMER R73 95856267 RES, FXD, 9310 OHMS, 1/4W, 1% 95855108 POTENTIOMETER, CERMET, TRIMMER R73 95856267 RES, FXD, 6040 OHMS, 1/4W, 1% (USED ON TYPE 5254, 5257 & 5298 BDS) RES, FXD, 5760 OHMS, 1/4W, 1%	R57	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%			
#86						
R61 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95856172 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 619 OHMS, 1/4W, 1% 95856172 RES, FXD, 619 OHMS, 1/4W, 1% 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95855109 POTENTIOMETER, CERMET, TRIMMER R71 95856285 RES, FXD, 9310 OHMS, 1/4W, 1% POTENTIOMETER, CERMET, TRIMMER R73 95856267 RES, FXD, 6040 OHMS, 1/4W, 1% 95856267 RES, FXD, 5760 OHMS, 1/4W, 1% (USED ON TYPE 5254, 5257 & 5298 BDS) RES, FXD, 5760 OHMS, 1/4W, 1%	R-SO			•		
R63 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95856172 RES, FXD, 619 OHMS, 1/4W, 1% R65 95856212 RES, FXD, 1620 OHMS, 1/4W, 1% 95855109 POTENTIOMETER, CERMET, TRIMMER 95856285 RES, FXD, 9310 OHMS, 1/4W, 1% 95856267 RES, FXD, 6040 OHMS, 1/4W, 1% (USE) ON TYPE 5254, 5257 & 5298 BDS) R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1% (USE) ON TYPE 5264, 5257 & 5298 BDS)	R61	95656212	RES. FXD. 1620 OHMS. 1/4W. 1%			
R64   95856172   RES. FXD. 619 OHMS, 1/4W, 1%   95856212   RES. FXD. 1620 OHMS, 1/4W, 1%   95855109   POTENTIOMETER, CERMET, TRIMMER   95856285   RES. FXD. 9310 OHMS, 1/4W, 1%   POTENTIOMETER, CERMET, TRIMMER   POTENTIOMETER, CERMET, TRIMMER   R73   95856267   RES. FXD. 6040 OHMS, 1/4W, 1%   (USED ON TYPE 5214, 5257 & 5298 BDS)   R73   95856265   RES. FXD. 5760 OHMS, 1/4W, 1%   1%   POTENTIOMETER, CERMET, TRIMMER   POTENTIOMETER, CERMET, TRIMER   POTENTIOMETER, CERMET, CERME						
R65   95856212   RES, FAD, 1620 OHMS, 1/4W, 1%   95855109   POTENTIOMETER, CERMET, TRIMMER   95856285   RES, FXD, 9310 OHMS, 1/4W, 1%   95855108   POTENTIOMETER, CERMET, TRIMMER   R73   95856267   RES, FXD, 6040 OHMS, 1/4W, 1%   (USED ON TYPE 5254, 5257 & 5298 BDS)   R73   95856265   RES, FXD, 5760 OHMS, 1/4W, 1%   1%   1%   1%   1%   1%   1%   1%	R64					
R71 95856285 RES, FXD, 9310 OHMS, 1/4W, 1% R72 95855108 POTENTIOMETER, CERMET, TRIMMER R73 95856267 RES, FXD, 5040 OHMS, 1/4W, 1% (USED ON TYPE 5254, 5257 & 5298 BDS) R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1%	R65	95856212	RES, FXD, 1620 OHMS, 1/4W, 1%	, ,	ļ. <b>I</b>	
R72   95855108   POTENTIOMETER, CERMET, TRIMMER   95856267   RES. FXD. 6040 OHMS, 1/4W, 1%   (USED ON TYPE 5254, 5257 & 5298 BDS)   R73   95856265   RES. FXD. 5760 OHMS, 1/4W, 1%						
R73 95856267 RES, FXD, 6040 OHMS, 1/4W, 1% (USED ON TYPE 5214, 5257 & 5298 BDS) R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1%					.	
R73 95856265 RES, FXD, 5760 OHMS, 1/4W, 1%			RES, FXD, 6040 OHMS, 1/4W, 1%	,		
	B73	95856765	(USED ON TYPE 5214, 5257 & 5298 BDS)			
	15.10	20000203	CUSED ON TYPE 5256 RDS) & %		1	
						The state of the s
		] l				

TRANSLATOR BOARD ASSEMBLIES 5214, 5256, 5257 & 5299 (SHEET 2 OF 2) -

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ELBIT COMPI						COL	DE IDENT.				DOCUMENT No.	REV.
		i						SHEET 3		WL	89805300	REV.
PAIR OFFICER IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	TAL	ACCESS FIND No.	ELCO DESTINATI	ION	ACCESS FIND No.	REMARKS	BN
_11 {	5	24	YEL	SEE ASSY.	27	TAPE	1,2	. 10 h 20 h <b>T</b>	J2	12	WRITE DATA 5 WH/Y	
			WHT		28	<u> </u>		16	J2		GND	
12 {	<u>                                     </u>		BRN		29	<u> </u>		P	#3.Tc	1	BEAD DATA 2 WH/G	on a
	l'		WHT		30		3.	13			GND	
13 {	l'		BLU		31	<u> </u>	1 12	10 18	313		READ DATA 7 WH/134	. 4
	l!		WHT		32			V	J3		GND	
14 \	l '		GRN		35			R	J2		WRITE DATA 3 WH/SC	<u> </u>
l l			WHT		36	1		14			GND	PD
15 \$	!		VIO		37			M			WRITE DATA O WH/BH	7 0
			WHT		38			11	J2		GND	
16 \			ORN		39			4_	J3		READ DATA 1	H/B/N
2.5 5 2 2			BLÜ		40			D			GND	
17 \$			RED		41			3.			READ DATA O WHIR	0
			BLU		42			C	J3		GND	
18			YEL		43			N#	J2		WRITE DATA 1 WHO	R
}	""		BLU		44			12			GND	
19			BRN		45			С			WRITE AMPLIFIER RESET	wH/Yw
			BLU		46			3			GND	
20 {			GRN		49			А			WRITE DATA STROBE	~4/BL
		1	BLU		50		75	1	J2		GND	

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ELBIT COMPL A SUBSIDI CONTASTON	ARY O	<u> </u>					DE IDENT.	SHEET 2		WL	DOCUMENT No.   REV.   89805300   01	TABLE 9-1.
PAIR COMS COOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	IAL	ACCESS FIND No.	ELCO DESTINATI	ION	ACCESS FIND No.	REMARKS B	
1 {	5	24	WHT	SEE ASSY. DWG.	3	TAPE	1,2	,2	J3	12	READ DATA STROBE WHIBN+89	EXTERNAL
		1	BLK		4			В			GND	
2			ORN		5			1	1	<u> </u>	READ DATA PARITY WHIRD	CABLE
			BLK		6			Α	J3		GND !	
3 ∫			RED		9、/			U	J2	·/	WRITE DATA & WH/YW	WIRE
			BLK		10		-	17	J2		GND	LIST (CONT'D)
4			YEL		11			9	J3	r :	READ DATA 3 WH/GA	
1			BLK		12			К			GND	12
5 5			BRN		13			8			READ DATA 2 WH/BY	ਤ
]			BLK		14		••••••	, J			GND	ł
6			BLU		15			14	,		READ DATA 4 WH/UZ	(
			BLK		16			R			GND	
7 5			GRN		17			15			READ DATA 5 WHISE Y	(
			BLK		18			S	J3		GND Pro	
8 \$			VIO		19			٧	J2 .		WRITE-DATA 7 WH/BH	0
			BLK		20	7-		18		-	GND	<b>D</b> .
9 \$ .			ORN -		21		1	S	-		WRITE DATA 4 WH/BM	12
			·WHT					15	J2		GND	
10			RED	·	25			17_	J3,	************	READ DATA 6 WH OR H	2
- 5103		*	WHT		26	1		U	J3		GND	

ELBIT COMP							со	DE IDENT.				DOCUMENT No. REV.	TABLE
MOURIU								ij	SHEET 4		WL	89805300 01	LE 9-
PAIR CONDUCTOR IDENT.		GAL	AUGE REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN ORIGI	NTAL	ACCESS FIND No.	ELCO DESTINATI	ION	ACCESS FIND No.	REMARKS ALL	1
21	5		24	VIO	SEE ASSY. DWG.	51	TAPE	1,2	L	J2	12	WRITE DATA PARITY WHILE	XTERNAL
L				BLU		52			10	J2		GND	
22 {		.  '		GRN		53			Н	JI		REWIND COMMAND WH/SL	CABLE
		. '	!	RED		54			7			GND BR	
23 \		'	<u>                                     </u>	YEL		57			D			DATA DENSITY SELECT	WIRE
l			1	RED		58			4	JI		GND	SI
24 \		1'	1	BRN		59			F	J2		READ THRESHOLD	1 7
		<u>  : '</u>	1	RED		60			6	J2		GND	(CONT'D)
25 {				ORN					L	J]	,	SPARE OF I LINE	6
[				RED		•			10			Groo	
26 ∫			1	V10_	211				N			REWINDING	9
				RED		-		1	12	JI		GND	
27 ∫				YEL		-			1000	J3		NEZ	Ν.
				GRN					, <b>L</b>			GND	
28 \			1	ORN		-			11			774	N
				GRN		-			М	J3		SPARE GNID	
29 (				VIO		-			-			NOT USED	
				GRN		_			_				
30 ∫				BRN		-			-				
			1	GRN		-						NOT USED	

ELBIT COMP							DE IDENT.	SHEET 5		WL	89805300 REV	ő
PAIR CONSUCIOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	TAL	ACCESS FIND No.	ELCO DESTINATI	ION	ACCESS FIND No.	REMARKS	
31	5	24	VIO	SEE ASSY. DWG.		TAPE	1,2	•		12	NOT USED	EXTERNAL CABLE
		1	BRN		-	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	<u> </u>		_   \{
32 {	ı!	<u>                                     </u>	ORN		-	11		-				
	<u>.                                    </u>		BRN		<b>.</b>		\$ 5		!			i
33 ∫	1		YEL		-							\
	11	24	BRN		-	TAPE		-			NOT USED	
												1
												5
	]			2.5								
					i englis Para							
						120					(E	3/1
1 {	6	22	BRN	SEE ASSY. DWG.	3.	UPPER	1,2	R	J1	12	LOAD POINT WH/Bn	TI9
	1		BLK		4	1		14			GND	
2 \$	,		RED		9			Maria			ON LINE WH//W	9
			BLK		10			11			GND	
3 \$			ORN		13			E			SYNC REVERSE COMENT BL	] }
			BLK		14			5			GND	$\perp$
4 {			YEL		17	ļ .		С	1		SYNC FWD COM WH/SL	
Decree 1	1 2 25 1	22	BLK		18	UPPER		3	JI		GND PRINTED IN ISRAI	

PRINTED IN ISRAEL

	COMPUTERS LTD				CODE IDENT			SHEET 6		WL	DOCUMENT No. 89805300	REV.	TABLE 9-
CONTUCTOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	TAL N	ACCESS FIND No.	ELCO DESTINATI	ION	ACCESS FIND No.	REMARKS	BH	7.
5	6	22	GRN	SEE ASSY.	19	JPPER	1,2	18	J1	12	SELECT 2 wH/8H	<b>1</b>	EXTERNAL
		1	BLK		20	1		8	1		GND	BN)	NAL
6 ∫			BLU		21			A			SELECT 1. WH/BN	T	CABLE
			BLK		22			8			GND		E
7_{			VIO		27			J			SELECT O WH/YW		WIRE
			BLK		28			8			GND		LSI
8 {			GRY		29			Р			FILE PROTECT WH/GAD		( (CONT'D)
			BLK		30			13			GND		CONT
9 {	is not a		WHT		33			U			END OF TAPE WHIVE		9
			BLK		34			17			GND	DE PE	
10			RED		37			К			SET WRITE STATUS WH/13	h	29
		_ _	BRN		38			9			GND		
11 {			ORN		43			Т	<u> </u>		READY WHOM	2	92
ļ			BRN		44		- <del>(2)</del>	16			GND		
12			YEL		45			F			DATA DENSITY IND WH/	1w	140
		_	BRN		46			6			GND		
13			GRN		49	<del> </del>		V			SELECT 3 . GH	34	28
1			BRN		50		• • • • • • • • • • • • • • • • • • •	8		ļ	GND		
14		1	BLU		-			<u> </u>	+		+5V SPARE ) TWISTED P	ATR	
T - 3103	<u> </u>	22	. BRN		<u> </u>	UPPER		S	JI	]	+5V SPARE )	IN ISRAEL	1.

LBIT COMP	UTERS L	TD				COD	E IDENT.			DOCUMENT No. RE	EV.
	WW	M ·						SHEET 7	WL	89805300	01,
DAIR OKDUCIOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	TAL N	ACCESS FIND No.	ELCO DESTINATION	ACCESS FIND No.	, REMARKS	-
15	6	22	V10	See Assy. DWG.	-	UPPER	1,2	•	12	NOT USED	
			BRN		-			-			
16			GRY		-			-			
			BRN		_						
17			WHT		•			-			
<u> </u>			BRN		•			<b>-</b>			
<u>·18</u> ∫			ORN		-			•			
			RED		-				· · · · · · · · · · · · · · · · · · ·		
19			YEL		•	1		_		<b>1</b>	
]		22	RED		-	UPPER		•		NOT USED	
									3 to 10		:
									<u></u>		
					-						
											: <del></del> -
											<del></del>
						<b>!</b>					
						<u> </u>					
			<u> </u>							PRINTED IN ISA	مجنجيد

LBIT COMP	UTERS L	TD				COI	DE IDENT.				DOCUMENT No.	REV.
								SHEET 2		WL	89805300	02
PAIR OHSSIGN IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN ORIGII	TAL	ACCESS FIND No.	ELCO DESTINAT	101	ACCESS FIND No.	REMARKS	
1 5	5	24	WHT	SEE ASSY. DWG.	3	TAPE	1,2	2	J3	.12	READ DATA STROBE	
		<b>†</b>	BLK		4			<b>B</b>			GND	•
2			ORN	•	5						READ DATA PARITY	
			BLK		6			Α	J3		GND	
3 \$			RED		9			U	J2		WRITE DATA 6	
11			BLK		10			17	J2	·	GND	
4 5			YEL		11		d	9	J3		READ DATA 3	
			BLK		12			К			GND	
5			BRN		13	-		8			READ DATA 2	
			BLK		14		·	ď			GND	
6			BĿU		15			14			READ DATA 4	İ
			BLK		16			R			GND	
7 5			GRN		17			15			READ DATA 5	
1			BLK		18			S	J3		GND	
8 \$			V10_		19			v	J2		WRITE DATA 7	
			BLK		20			18	l		GND	
9 5			ORN.		21			S			WRITE DATA 4	
			·WHT					15	J2		GND	
10			RED		25			17	J3		READ DATA 6	
l		<b></b>	WHT		26	1		U	J3		GND	

ELBIT COMP	IARY	0 1					cor	DE IDENT.	SHEET 3		WL	DOCUMENT No. 89805300	REV.
PAIR CHOUSTOR IDENT.	FIND No.	GA (F	UGE REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEI ORIG	ITAL	ACCESS FIND No.	ELCO DESTINAT	ION	ACCESS FIND No.	REMARKS	<b>'</b>
_11 {	5		24	YEL	SEE ASSY. DWG	27	TAPE	1,2	T	J2_	12	WRITE DATA 5	
			1	WHT		28			16	J2		GND	
12 {				BRN		29			P	J3		READ DATA 2	
				WHT		30			13			GND	
13 \$				BLU		31		7	18	1-1-		READ DATA 7	
l				WHT		32			V	J3		GND	
14 5				GRN		35			R	J2		WRITE DATA 3	
				WHT		36			14	<u>L.t.</u>		GND	
15 {				VIO		37		* .	М			WRITE DATA O	
			·	WHT		38			11	J2		GND	
16			<u> </u>	ORN		39			<u> </u>	- 13		READ DATA 1	
			]	BLÜ		40		1	D			GND	4
17 \$				RED		41			3	1		READ DATA O	
l				BLU		42			С	J3		GND	
18 \				YEL		43			М	J2		WRITE DATA 1	
]				BLU		44			12			GND	
19_{			<u> </u>	BRN		45			С			WRITE AMPLIFIER RESE	T
l	•		<u>.</u>	BLU		46			3			GND	
20 {			1	GRN		49			А			WRITE DATA STROBE	
l l			<b>\</b>	BLU		50		3	1	J2		GND	

ELBIT COMP		0 6			CONTINENTAL			SHEET 4		WL	DOCUMENT No. 89805300	REV.
PAIR SONDUCTOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINE	NTAL	ACCESS FIND No.	ELCO DESTINAT	ION	ACCESS FIND No.	REMARKS	
21 {	5	2 <b>4</b>	V10	SEE ASSY. DWG.	51	TAPE	1,2	L	J2	12	WRITE DATA PARITY	
			BLU		52			10	J2		GND	
22 \$			GRN		53			Н	J1		REWIND COMMAND	
			RED		54			7		1	GND	
23 ∫			YEL		57			D			DATA DENSITY SELECT	
			RED		58			4	JI		GND	
24 ∫			BRN		59			F	J2		READ THRESHOLD	
			RED		60			6	J2		GND	
25 (			ORN					L	J]		SPARE	
1			RED		_			10				
26 ∫			VIO					N	ļ.			
		:	RED	dia est				12	Jl			
27 ∫			YEL		•			10	J3			
			GRN		-			L				
28 \$			ORN		•			11	+			
			GRN		=			М	J3		SPARE	
29 ∫			V10		-			•			NOT USED	
1			GRN		-							
30 ∫			BRN					_				
]		1	GRN		-			-			NOT USED	

LBIT COMP	ARY	0 F				cor	DE IDENT.	SHEET 5		WL	DOCUMENT No. 89805300	REV. 02
PAIR PAICUCIOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	TAL	ACCESS FIND No.	ELCO DESTINAT	10N	ACCESS FIND No.	REMARKS	
31 ∫	5	24	V10	SEE ASSY.		TAPE	1,2	-		12	NOT USED	
			BRN		-			•		·		
32 ∫		<u>                                     </u>	ORN		-			•				
			BRN		•			_				
33 ∫		<u> </u>	YEL				*1	•				
		24	BRN		-	TAPE					NOT USED	
						tuer ta						
					• • • • • • • • • • • • • • • • • • • •							<del></del>
1 {	6	22	BRN	SEE ASSY. DWG	3	UPPER	1,2	R	JI	12	LOAD POINT	
(			BLK	· 10-00-00-00-00-00-00-00-00-00-00-00-00-0	4	1		14	<u> </u>		GND	
2 \$			RED		9			М			ON LINE	
			BLK		10			11			GND	
3 {			ORN		13			E			SYNC REVERSE COM	
	·		BLK		14			5			GND	
4 {			YEL		17	ļ ļ	E)	C	+		SYNC FWD COM	
		22	BLK		18	UPPER		3	JI		GND	

ELBIT COMP	UTERS L	TD					co	DDE IDENT.			VAZI	DOCUMENT No.	REV.
A SUBSIDIARY OF									SHEET 6		WL	89805300	02
CONDUCTOR FIND		GAUGE (REF.)		COLOR (REF.)	LENGHT (APPROX.)	CONTINENTAL ORIGIN		ACCESS FIND No.	ELCO DESTINATION		ACCESS FIND No.	REMARKS	
5	6	22		GRN	SEE ASSY. DWG.	19	UPPE	R 1,2	18	JI	12	SELECT 2	
		1		BLK		20	1		8.	1		GND	
6				BLU		21			Α			SELECT 1	
				BLK		22			8			GND	
7_{	***			VIO		27			J			SELECT 0	1.4
				BLK		28			8			GND	
8 {				GRY	, ++1	29			Р			FILE PROTECT	
				BLK		30			13			GND	
9 {				WHT		33			U i			END OF TAPE	
				BLK		34			17			GND	
10				RED		37			K			SET WRITE STATUS	
				BRN		38			9			GND	
11				ORN		43			<b>T</b>			READY	
l				_BRN		44			16			GND	
12				YEL		45			F			DATA DENSITY IND	
				BRN		46			6			GND	
13 (				GRN •		49			V			SELECT 3	
				BRN		50			8			GND	
14	o. Terr			BLU			<b> </b>		<u>s</u>	1		+5V SPARE	Bro
l		22 BRN - U				UPPE	3	S	JI		+5V SPARE TWIST	ED PATR	

ELBIT COMP		A .				COL	DE IDENT.	SHEET 7	WL	DOC	REV.	
DAIR EONDUCIOR IDENT.	FIND No.	GAUGE (REF.)	COLOR (REF.)	LENGHT (APPROX.)	CONTINEN	ITAL	ACCESS FIND No.	ELCO DESTINATION	ACCESS FIND No.		REMARKS	
15 {	6	22	V10	See assy. Dwg.	-	UPPER	1,2		12	NOT	USED	
		<u> </u>	BRN		_			-				
16			GRY		•			•				
			BRN		-					· ·		
<u>17</u> {			WHT		•							
			BRN		-			•				
<u>.18</u> ∫			ORN		•			•				
			RED									·
19 {		<u> </u>	YEL		•	<u> </u>					<u> </u>	
		22	RED		•	UPPER		-		NOT	USED	
												·
			<del></del>									
				•								
		7 (2.1				•	; !	-				
										,		
			<u> </u>									RINTED IN ISRAEL